

LOWER REPUBLICAN RIVER RIPARIAN PROJECT TOUR

DATE: Thursday, August 8, 2013

TIME: 9:00 a.m.

PLACE: Black Powder Restaurant – 1007 W. Hwy 136 – Franklin, NE
(North edge of Franklin) Lunch provided by: TVWMA and LRNRD

****** R.S.V.P. BY JULY 31st @ tvwm@gpcom.net OR
402-746-3560 (TVWM Office) or 402-746-4558 (Merle Illian cell)**



SPONSORED BY:



Twin Valley Weed Management Area



Lower Republican Natural Resources District



Nebraska Environmental Trust

LOWER REPUBLICAN RIVER RIPARIAN PROJECT TOUR

AGENDA

Thursday, August 8, 2013

8:30 a.m. ~ 9:00 a.m.

**Coffee and Rolls: Sponsored by Frahm
Construction – North Loup, NE**
Black Powder Restaurant – Franklin, NE

9:00 a.m. ~ 10:30 a.m.

Introductions and Greetings:
Mike Clements, General Manager, Lower Republican NRD

- Senator Tom Carlson
- Mark Brohman, Nebraska Environmental Trust
- Power Point Presentation of Progression of River Work: Merle Illian, Coordinator, Twin Valley Weed Management Area

10:30 a.m. ~ Noon

Board the tour bus:

- Doug Sindt –View phragmites problem: Mitch Coffin, Nebraska Dept. of Agriculture
- Franklin Bridge – Channel Excavation: Frahm Construction and Doug Kahrs, Landowner

Noon ~ 1:00 p.m.

Lunch: Provided by TVWMA and LRNRD
Black Powder Restaurant – Franklin, NE

- DVD Presentation: Garold Ohmstede, Chairman, Twin Valley Weed Management Area

1:00 p.m. ~ 4:00 p.m.

Board the tour bus:

- Center Creek Cleanout
- Tree Thinning & Pruning and Pinchpoint Cleanout: Hawley Brothers, Landowners
- Invasive Vegetation Control on Harlan County Lake: Corp of Engineers and Dan Lyle, Sky Copters

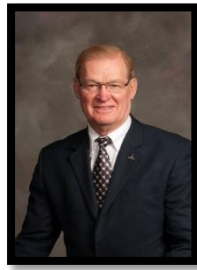
AFTERNOON REFRESHMENTS PROVIDED BY: SKY COPTERS

4:00 p.m.

Departure:

From Black Powder Restaurant

SPEAKERS



Senator Tom Carlson



Mark Brohman, Exec. Director NET

Senator Tom Carlson was elected to the Nebraska Unicameral in November, 2006, and will be serving his 7th year after being re-elected to a second 4 year legislative term in November, 2010. Senator Carlson represents Nebraska's 38th Legislative District, made up of Clay, Franklin, Kearney, Nuckolls, Phelps, and Webster Counties. He resides in Holdrege, NE (Phelps County) with his wife Margo. They have three grown children and four grandchildren. Senator Carlson currently serves as Chairman of the Natural Resources Committee and is also a member of the Banking, Commerce and Insurance Committee and the Committee on Committees.

Mark Brohman joined the Nebraska Environmental Trust in November 2006. Prior to joining the Trust, he was employed with the Nebraska Game & Parks Commission since 1993 and served as Director of the Commission's Administrative Division in his position. He has also served as a legislative aid for Senator Rod Johnson, Chairman of the Legislature's Natural Resources Committee and worked for the Nebraska Dept. of Roads as a biologist. Brohman resides in Lincoln with his wife, Anessa and daughter, Miranda.

TOUR STOPS

STOP 1: Doug Sindt – Phragmites growth characteristics and control. See why this noxious weed has thrived and spread so vigorously within the river channel, tributaries and riparian lowlands. Hear what control measures were implemental and annual follow-up being performed.



STOP 2: Franklin Bridge – This segment of the river which lies 16 miles downstream of Harlan Dam has been the primary bottleneck for water delivery to Kansas. See why this problem exists and what efforts have been made to alleviate the problem.



BEFORE



AFTER

STOP 3: Center Creek Cleanout – Hear about the tributary work being performed by TVWMA in an effort to increase water flow to the river. You will see the mechanical work completed to remove debris from the channel, the work of removing cedar trees and other woody vegetation along the perimeter of the creek and the efforts being made to cleanout existing springs to increase waterflow.

BEFORE



AFTER



STOP 4: Hawley Farm – Over 2700 acres of tree thinning along the perimeter of the Republican River has been completed within the past 5 years. See the results of this practice on the Hawley farm located one mile downstream of Harlan Dam and hear what their primary objective was.



Also get a birds-eye view of the river and see what efforts have been made to take out “hair pin” turns within the river to alleviate sloughing banks and trees falling into the river.

BEFORE



AFTER



STOP 5: Harlan County Lake – See what efforts have been made on Corp property to control noxious and invasive woody vegetation around the perimeter of the lake. Hear why this has been such an excellent partnership between the Corp and TVWMA over the past five years.

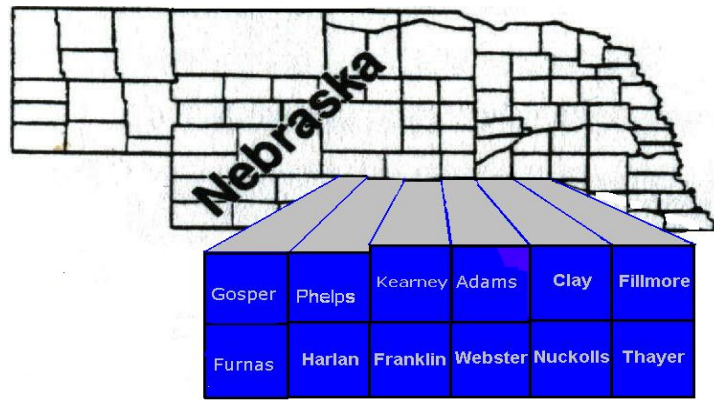


FUNDING SOURCES TO DATE
TVWMA – Eastern Republican River Riparian Project Area

<u>YEAR</u>	<u>FUNDING SOURCE</u>	<u>AMOUNT</u>	<u>IN-KIND</u>	<u>IN-KIND TO GRANT RATIO</u>
2006	Environmental Trust	\$10,200	\$21,300	85%
	Pioneer Seed	5,000		
	Corp of Engineers (Habitat)	<u>10,000</u>		
		\$25,200		
2007	Pulling Together Initiative	\$73,500	\$24,020	28%
	Corp of Engineers (Habitat)	<u>13,750</u>		
		\$82,250		
2008	LB 701	\$604,807	\$115,701	19%
2009	LB 701	\$500,945	\$ 69,155	14%
2010	Environmental Trust	\$545,000	\$501,152	92%
2011	Environmental Trust	\$650,000	\$362,000	56%
2012	Environmental Trust	\$400,000	\$124,000	31%
2013	Environmental Trust	<u>\$568,000</u>	<u>\$ 63,500</u>	10%
TOTALS:		\$3,381,202	\$1,875,000	42%

**LOWER REPUBLICAN RIVER RIPARIAN COMPLETED PROJECTS
TO DATE**

- Vegetation Treatment – Aerial on river 1240 acres
Aerial on Harlan Lake 1380 acres
Ground Application 390 acres
- Debris removal (had follow-up on 82 miles) 142 miles
- Deep disking (756 acres) 63 miles
- Thinning and pruning perimeter of river 2749 acres
- Fencing riparian area of river 37,500 feet
- Control burn of islands (28 acres) 2 miles
- Sediment removal from river channel (64,000 cubic yards) 5¼ miles
- Creek Tributary Work (Turkey, Indian, Center, Spring & Sappa) – 66.2 miles
Tree Thinning & Pruning (1074 acres)



PROJECT PARTNERS

Nebraska Environmental Trust

Respective County Offices and Weed Control Authorities

Trailblazer Resource Conservation and Development

Lower Republican Natural Resources District

South Central Public Power District

Harlan County Corp of Engineers

Harlan County Tourism

Little Blue Natural Resources District

Natural Resources Conservation Service

Farm Service Agency

Nebraska Game & Parks Commission

Webster and Clay County Extension Service

Nebraska Forest Service

Nebraska Department of Agriculture

National Turkey Federation

Republican River Riparian Project